

PROJECT REVIEW SHEET - EZ1

HISTORIC & CULTURAL RESOURCES REVIEW

Property / Client Name:	Wenatchee Nutrient Assessment - Treatment Design , 11-1469
Worksite Name/Number:	Upper Wenatchee Tributaries (Worksite 1 of 1)
Funding Agency:	Rec. and Conserv. Office

Project Applicant	Cascade Col Reg Fish Enhance
Contact Person	Jason Lundgren
Address	PO Box 3162
City, State, Zip	Wenatchee, WA 98807
Phone	(509) 888-7268
E-Mail	jason@ccfeg.org

Funding Agency:

Organization	Rec. and Conserv. Office
Address	PO Box 40917
City, State, Zip	Olympia, WA 98504-0917
Phone	360-902-3000
Contact	Marc Duboiski, Email: marc.duboiski@rco.wa.gov

PLEASE DESCRIBE THE TYPE OF WORK TO BE COMPLETED

(Be as detailed as possible to avoid having to provide additional information)

Provide a detailed description of the proposed project:

Consistent with the Upper Columbia Salmon Recovery Plan (filling this data gap is a Tier 1 priority), the objective of this project is to determine the need for, and extent of, conducting nutrient enhancement in high priority tributaries in the Wenatchee basin. Our goal is to evaluate baseline conditions (water quality, periphyton, macroinvertebrates), establish goals or budgets for these indicators, develop a treatment and monitoring plan, and secure approval from Department of Ecology (DOE) for a pilot nutrient enhancement program in the Upper Wenatchee. State water quality standards are designed to protect salmonids. This scientifically established opinion has been promulgated in an agreement between DOE, US EPA, and regional stakeholders as a Total Maximum Daily Load (TMDL) that limits additional phosphorus loads to specific areas in the Wenatchee basin.

Pacific salmon and steelhead once contributed large amounts of marine-derived carbon, nitrogen and phosphorus to freshwater ecosystems in the Pacific Northwest. These nutrients are no longer available in the historic quantities because fewer adult fish are returning to spawn (and die). To compensate for reduced nutrient load and resultant lowered stream productivity, recent mitigation efforts have focused on addition of nutrients to freshwater systems (Columbia River Hatchery Reform Project, Appendix A).

Describe existing project site conditions.

we will be conducting biological monitoring of periphyton and macroinvertebrates, and potentially other water quality parameters in the White, Little Wenatchee, Chiwawa, and Nason Creek. The beds of the river are owned and managed by the adjacent landowner and we will be focusing our efforts on public land, primarily USFS.

Describe any proposed ground disturbing activities. That is, will a tool(s) be used to move earth (soil, rock, gra

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Will buildings be altered or demolished? If so please complete a DAHP Determination of Eligibility EZ2 form for each building affected by the proposed project and attach the form to your project in PRISM. <http://www.dahp.wa.gov/pages/Documents/Sites.htm>

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If no PRISM map, please attach a copy of the relevant portion of a 7.5 series
USGS quad map and outline the project impact area.
(USGS Quad maps are available on-line at <http://www.topozone.com>)

Worksite Location (identified with star):

Address:

Township: 26N

Range: 17E

Section: 01

City:

County: Chelan

Latitude: 47.79

Longitude: -120.66

